

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1136 | (speech near4:intell\$7) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:54 |
| L2 | 170 | 1 and (overlap\$8) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:54 |
| L3 | 13 | 2 and ((cross-correla\$6)(cross near4:correlat\$8)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:55 |
| L4 | 7 | 3 and waveform | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:55 |
| L5 | 1 | 4 and (match) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:56 |
| L6 | 2 | 4 and (match\$8) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 13:57 |
| L7 | 179 | (energy with (region contour area)) and ((SFTR) (spectral near5 transit\$6)(measur\$8 with abrupt\$6 near4:frequency)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:06 |
| L8 | 28 | (time near2 scal\$ near4 modif\$8) and (variable with (time frame)) and (syllable vowel consonant fricativ spirant sibilant) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:02 |
| L9 | 0 | 7 and 8 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:02 |

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| L10 | 45 | (time near2 scal\$ near4 modif\$8) and (variable and (time frame)) and (syllable vowel consonant fricativ spirant sibilant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:05 |
| L11 | 28 | 8 and 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:02 |
| L12 | 0 | 11 and overlap\$8 and (correlat\$8 (match\$8) (cross-correlat\$8) (cross adj correlat\$8)) and waveform\$8 and engerg\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:05 |
| L13 | 0 | 11 and overlap\$8 and waveform\$8 and engerg\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:05 |
| L14 | 1109 | (time and scal\$ and modif\$8) and (variable and (time frame)) and (syllable vowel consonant fricativ spirant sibilant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:05 |
| L15 | 0 | 7 and 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:06 |
| L16 | 790 | (energy and (region contour area)) and ((SFTR) (spectral near5 transit\$6)(measur\$8 and abrupt\$6 near4 frequency)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:07 |
| L17 | 7 | 14 and 16 and overlap\$8 and waveform | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:17 |
| L18 | 981 | formant and frequency and ((time-scale same mod\$7)(time same vari\$7)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:18 |
| L19 | 0 | 18 and engergy and (vowel fricative spirant consonant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:19 |

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| L20 | 260 | 18 and energy and (vowel fricative spirant consonant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:19 |
| L21 | 76 | 20 and (spectral same rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:20 |
| L22 | 26 | 21 and overlap\$8 and waveform and simil\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:21 |
| L23 | 12 | 21 and overlap\$8 and waveform same simil\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:21 |
| L27 | 2214 | (syllable vowel consonant vc vcv cv) same (segment\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |
| L28 | 1 | engery and ((spectral same rate)(frequency same peak)((change)(abrupt\$6) same frequency)) same (((time-scal\$5)(time near4 modif\$6)(time adj3 scal\$5))(vowel with transit\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:36 |
| L29 | 3 | engery and ((spectral same rate)(frequency same peak)((change)(abrupt\$6) same frequency)) and (((time-scal\$5)(time near4 modif\$6)(time adj3 scal\$5))(vowel with transit\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |
| L30 | 109 | engery and ((spectral same rate)(frequency same peak)((change)(abrupt\$6) same frequency)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |
| L31 | 0 | 27 and 30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |

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| L32 | 17628 | (syllable vowel consonant vc vcv cv) and (segment\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:38 |
| L33 | 1 | 32 and 30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:38 |
| L34 | 0 | 30 and syllable and seg\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:40 |
| L35 | 1 | 30 and (vowel consonant syllable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:43 |
| L36 | 0 | 35 and (variable fix\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:41 |
| L37 | 0 | 35 and (invar\$8 fix\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:41 |
| L38 | 95 | (time with modif\$6) and ((gradient)(frequency near8 change)(spectral with rate)) and energy and (syllable vowel consonant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:45 |
| L39 | 42 | 38 and overlap\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:46 |
| L40 | 22 | 39 and waveform | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:45 |
| L41 | 22 | 40 and simil\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:46 |

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| L42 | 21 | 38 and ((overlap\$6 near6 add\$4)(overlap-add\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:47 |
| L43 | 1 | 42 and (waveform near8 similar\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 15:14 |
| L44 | 3 | "6614781".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 15:14 |
| S1 | 0 | transient and regions and speech and vowel and (steady adj2 state) and (consonant) and (compress\$5) and (waveform) and (rhythm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:12 |
| S2 | 25 | transient and regions and speech and vowel and (consonant) and (compress\$5) and (waveform) and (rhythm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 15:26 |
| S3 | 2 | "4979212".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 15:24 |
| S4 | 1 | S2 and (overlap\$ near4 add (overlap-add) overlap\$ adj add) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 15:28 |
| S5 | 0 | S2 and (steady) and state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 15:29 |
| S6 | 2 | syllable and seg\$9 and frame and speech and scal\$ and factor and (overlap\$9) and (frequency) and vowel and (steady) and state and compress\$9 and consonant and energy and region\$3 and time and (acous\$8 sound) and spectral and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |

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| S7 | 5 | "6304846" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |
| S8 | 2 | "6304846".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |
| S9 | 2 | "4979212".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |
| S10 | 2 | "20020133332" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |
| S11 | 2 | "4820059".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:39 |
| S12 | 2 | energ\$4 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:40 |
| S13 | 1 | energ\$4 and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:40 |
| S14 | 0 | energ\$4 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:40 |
| S15 | 0 | energ\$4 and S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 16:41 |
| S16 | 1 | energ\$4 and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 17:10 |

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| S17 | 1845 | (discrete near4 time) and ((intellig\$6)(speech near3 quality)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:14 |
| S18 | 309 | S17 and (scal\$6 near4 factor\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:15 |
| S19 | 138 | S18 and (expan\$8) and (compress\$9) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:15 |
| S20 | 138 | S19 and (one thirds 1/3 two thirds 2/3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:21 |
| S22 | 0 | S19 and ((one adj2 third\$) 1/3) and ((two adj2 third\$) 2/3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:20 |
| S24 | 10 | S19 and ((one adj third 1/3) (two adj third 2/3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:34 |
| S25 | 211 | (time discrete) and (compression same ((one adj third 1/3) (two adj third 2/3))) and (expansion same ((one adj third 1/3) (two adj third 2/3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:45 |
| S26 | 8 | S25 and speech | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:36 |
| S27 | 211 | (time discrete) and (expansion same ((one adj third 1/3) (two adj third 2/3))) and (compression same ((one adj third 1/3) (two adj third 2/3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:51 |
| S28 | 1 | S27 and syllable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:46 |

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| S29 | 18 | (time discrete) and (expans\$8 near6 ((one adj third 1/3) (two adj third 2/3))) and (compres\$8 near6 ((one adj third 1/3) (two adj third 2/3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:55 |
| S30 | 1 | (time discrete) and (expans\$8 near6 (one adj third\$ 1/3)) and (compres\$8 near6 (two adj third\$ 2/3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:57 |
| S31 | 45 | (time discrete) and (expans\$8 same (one adj third\$ 1/3)) and (compres\$8 same (two adj third\$ 2/3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:57 |
| S32 | 19 | S31 and (speech signal\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:58 |
| S33 | 19 | S32 not S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 08:58 |
| S34 | 19 | S33 not S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 09:31 |
| S35 | 288 | syllable near4 segmen\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 09:32 |
| S36 | 16 | S35 and scal\$ and factor and overlap\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 09:33 |
| S37 | 0 | S36 and frequency and engery | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 09:33 |
| S38 | 10 | S36 and frequency | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:37 |

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| S39 | 7154 | (blend combin\$5 synth\$7 fuse unite) with (seg\$8) and (overlap\$9 over-lap\$8) and frequency | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:44 |
| S40 | 4262 | (blend combin\$5 synth\$7 fuse unite) near4 (seg\$8) and (overlap\$9 over-lap\$8) and frequency | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:44 |
| S41 | 17 | S40 and scal\$ and factor and (syllabl\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:46 |
| S42 | 12 | S41 and frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:46 |
| S43 | 1 | "5333236".PN. | USPAT; USOCR | OR | ON | 2005/02/10 10:52 |
| S44 | 2 | "6026361":pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 08:11 |
| S45 | 1 | S44 and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 08:11 |
| S46 | 1 | "5903655":pn. and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 08:46 |
| S47 | 2 | "20020143526" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:22 |
| S48 | 0 | (threshold) with (OLA and WSOLA) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:24 |

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| S49 | 0 | (threshold) same (OLA and WSOLA) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:24 |
| S50 | 8 | (threshold) with ((OLA)(overlap adj add)(overlap-add)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:26 |
| S51 | 0 | (threshold) with ((WSOLA)(waveform adj simil\$8 adj overlap adj add)(waveform adj simil\$8 adj overlap-add)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:26 |
| S52 | 12 | (threshold) and ((WSOLA)(waveform adj simil\$8 adj overlap adj add)(waveform adj simil\$8 adj overlap-add)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:26 |
| S53 | 0 | S52 and S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:26 |
| S54 | 624 | (threshold) and ((OLA)(overlap adj add)(overlap-add)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:26 |
| S55 | 11 | S54 and S52 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:40 |
| S56 | 4394 | (modif\$6 chang\$5) same ((frequency adj4 domain)stft (short adj term adj fourier adj transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:43 |
| S57 | 376 | S56 and (enhanc\$6 improv\$5 better intell\$8) near8 (speech intell\$8 acoust\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:44 |
| S58 | 41 | (simil\$ near4 (overlap-add (overlap adj add))) and ((overlap-add)(overlap adj add)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 09:46 |

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| S59 | 6 | S57 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:14 |
| S60 | 2 | "6665641".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:15 |
| S61 | 28 | coder and pitch and (stft (short adj term adj fourier adj transform)(short-term adj fourier adj transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:18 |
| S62 | 2 | S61 and ((wsola)(ola)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:19 |
| S63 | 0 | clep and vselp and wi and mbe and imbe and melp and lpc and pcm and dpcm and adpcm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:20 |
| S64 | 0 | clep and vselp and mbe and imbe and melp and lpc and pcm and dpcm and adpcm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:21 |
| S65 | 4 | "10042880" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 12:20 |
| S66 | 225 | CELP and ((VECTOR ADJ SUM)(VSELP)) and ((waveform adj interpolation)(wi)) and ((multiband adj excitation)(mbe)) and ((improved adj multiband)(imbe)) and ((mixed adj3 liner)(MELP)) ((linear adj predictive)(lpc)) and ((pulse adj code)(pcm)) and ((differential adj3 code)(DPCM)) and ((adaptive adj3 differential)(ADPCM)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:15 |

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| S67 | 225 | CELP and ((VECTOR ADJ SUM)(VSELP)) and ((waveform adj interpolation)) and ((multiband adj excitation)(mbe)) and ((improved adj multiband)(imbe)) and ((mixed adj3 liner)(MELP)) ((linear adj predictive)(lpc)) and ((pulse adj code)(pcm)) and ((differential adj3 code) (DPCM)) and ((adaptive adj3 differential)(ADPCM)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:16 |
| S68 | 36 | S67 and pitch and (time with delay) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:17 |
| S69 | 21 | S68 and (segment\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:21 |
| S70 | 225 | (est\$7 with pitch) and (telecommunications network) and CELP and ((VECTOR ADJ SUM)(VSELP)) and ((waveform adj interpolation)(wi)) and ((multiband adj excitation)(mbe)) and ((improved adj multiband)(imbe)) and ((mixed adj3 liner)(MELP)) ((linear adj predictive)(lpc)) and ((pulse adj code)(pcm)) and ((differential adj3 code) (DPCM)) and ((adaptive adj3 differential)(ADPCM)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:44 |
| S71 | 44 | S70 and (time near4 delay) and segment\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:25 |
| S72 | 9 | S71 and (scal\$5 near4 factor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:30 |
| S73 | 4 | S72 and ((short-term FT)(STFT)(stft)(short adj term adj FT)(short adj term adj fourier adj transform)(short near4 fourier adj transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:36 |

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| S74 | 37 | S70 and ((short-term FT)(STFT)(stft)(short adj term adj FT)(short adj term adj fourier adj transform)(short near4 fourier adj transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:46 |
| S75 | 21 | S74 and time and delay and scal\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:37 |
| S76 | 17 | S75 and pitch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:37 |
| S77 | 10 | S76 and seg\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:37 |
| S78 | 226 | (est\$7 with pitch) and (telecommunications network) and CELP and ((VECTOR adj1 SUM adj excit\$6)(VSELP)) and ((waveform adj1 interpolation)(wi)) and ((multiband adj1 excitation)(mbe)) and ((improved adj1 multiband)(imbe)) and ((mixed adj1 linear)(MELP)) ((linear adj1 predictive)(lpc)) and ((pulse adj1 code)(pcm)) and ((differential near3 code) (DPCM)) and ((adaptive near3 differential)(ADPCM)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:46 |
| S79 | 226 | (est\$7 near8 pitch) and (telecommunications network) and CELP and ((VECTOR adj1 SUM adj excit\$6)(VSELP)) and ((waveform adj1 interpolation)(wi)) and ((multiband adj1 excitation)(mbe)) and ((improved adj1 multiband)(imbe)) and ((mixed adj1 linear)(MELP)) ((linear adj1 predictive)(lpc)) and ((pulse adj1 code)(pcm)) and ((differential near3 code) (DPCM)) and ((adaptive near3 differential)(ADPCM)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:51 |

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| S80 | 37 | S79 and ((short-term FT)(STFT)(stft)(short adj term adj FT)(short adj term adj fourier adj transform)(short near4 fourier adj transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:47 |
| S81 | 11 | S80 and pitch and time and delay and scale | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:47 |
| S82 | 226 | (est\$7 near8 pitch) and (telecommunications network) and CELP and ((vector adj1 sum adj excit\$6)(vselp)) and ((waveform adj1 interpolation)(wi)) and ((multiband adj1 excitation)(mbe)) and ((improved adj1 multiband)(imbe)) and ((mixed adj1 linear)(melp)) ((linear adj1 predictive)(lpc)) and ((pulse adj1 code)(pcm)) and ((differential near3 code) (dpcm)) and ((adaptive near3 differential)(adpcm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:57 |
| S83 | 282 | CELP AND VSELP | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:57 |
| S84 | 4 | S83 and ((waveform adj interpolation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:57 |
| S85 | 11 | S83 and MBE | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:58 |
| S86 | 4 | S83 AND (MULTIBAND ADJ EXCIT\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:59 |
| S87 | 14 | S83 AND ((MULTIBAND ADJ EXCIT\$8)(mbe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:59 |

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| S88 | 4 | S87 AND ((IMBE)(IMPROVED ADJ3 ((MBE)(MULTIBAND)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:00 |
| S89 | 0 | S88 and ((mix\$5:adj2 excit\$8)(MELP)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:04 |
| S90 | 0 | (Waveform adj1 interpolation) and (Multiband adj1 excitation) and (Improved adj1 multiband adj1 excitation) and (Mixed adj1 excitation adj1 linear adj1 prediction) (Linear adj1 prediction adj1 coding) and (Pulse adj1 code adj1 modulation) and (Differential adj1 pulse adj1 code adj1 modulation) and (Adaptive adj1 differential adj1 code adj1 modulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:11 |
| S91 | 0 | (Waveform adj1 interpolation) and (Multiband adj1 excitation) and (Improved adj1 multiband adj1 excitation) and (Mixed adj1 excitation adj1 linear adj1 prediction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:19 |
| S92 | 220 | (Waveform adj1 interpolation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:19 |
| S93 | 1 | S92 and (Multiband adj1 excitation) and (Improved) and ((Mixed adj1 excitation adj1 linear adj1 prediction)(MELP)(MIX\$3 NEAR3 LP)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:24 |
| S94 | 148 | (Improved adj MBE (IMBE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:25 |
| S95 | 34 | S94 AND ceip | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:25 |

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| S96 | 17 | S95 and mbe | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:25 |
| S97 | 13 | S96 and ipc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:25 |
| S98 | 4 | S97 and pcm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:26 |
| S99 | 1 | S98 and dpcm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:26 |
| S100 | 108 | (frequency) and (((short-term) (short adj term)) near3 ((fourier adj transform\$4)(FT))(ftst)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 16:08 |
| S101 | 17 | S100 and (scal\$4) and factor and (overlap\$4 over-lap\$4) and waveform and time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 16:09 |
| S103 | 7 | S101 and (network telecommunications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 16:10 |
| S104 | 1 | S103 and pitch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 16:10 |